Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 01 Aug 2023 until 23:59 on Wednesday 02 Aug 2023

Forecast Issued on Tuesday 01 Aug 2023 at 05:03

Confidence: High confidence for a continuation of unsettled conditions, but some uncertainty regarding the track of low pressure systems and rain on Wednesday and Saturday

Headline for Tuesday 01 Aug 2023: Largely dull with outbreaks of patchy rain.

Mountain weather hazards on Tuesday 01 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain	Dull	Sunny intervals	Dull
Precipitation probability					
60%	60%	60%	20%	20%	20%

Forecast for Tuesday 01 Aug 2023

Weather: Generally overcast with intermittent rain and drizzle affecting much of the Dales at times. This most likely across western upslopes, with some sheltered eastern parts somewhat drier. Brightening up late afternoon as rain is expected to clear away to the north, although a few isolated showers still possible. Cloud thickening late on with a slight chance of the odd shower continuing through the evening.

Chance of cloud-free hill tops above 600m: 20%, but 50% in the east. Increasing by mid-afternoon to around 80%.

Low Cloud and visibility: Pervasive and extensive low cloud, with bases of 400-500m. Scraps of lower bases possible where rain persists. Cloud gradually lifting and breaking by mid-afternoon, lifting clear of most summits. Some higher fells may remain shrouded throughout. Visibility moderate to poor in morning rain, becoming good or very good.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 01 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/24 W	17/21 W	14/17 W	14/19 W	11/15 SW	7/10 S	8/14 SE
300	11/23 W	12/22 W	10/17 W	10/18 W	8/14 SW	2/6 S	3/9 E
Valley	7/18 W	10/18 W	9/16 W	9/16 SW	6/12 SW	3/7 SE	5/13 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	11/8	12/10	12/9	11/9	11/10	11/9
300	12/10	13/11	14/12	14/12	13/12	12/12	12/12
Valley	13/12	14/13	16/14	15/14	15/14	13/13	13/13
Freezing Level*	2700m	2800m	2800m	2800m	2800m	2600m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts of 25-35mph possible through the early morning. Surfaces may be slippery underfoot given ongoing damp conditions. Poor visibility in hill fog making for challenging navigating conditions, especially this morning.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 01 Aug 2023	19.8mm	29.2mm	36.8mm

Forecast for Wednesday 02 Aug 2023

Weather: Cloudy and windy, with patchy rain soon arriving from the southwest. This rain turning heavy and persistent through Wednesday morning, with some areas continuing to see this feed of rain throughout Wednesday and overnight into Thursday. Across the southern Dales, rain may turn more showery with a risk of thundery downpours during the afterrnoon. Strong winds developing with a risk of gales in exposure.

Maximum wind: East to northeast 25-30mph, gusts 35-45mph.

Chance of cloud-free hill tops above 600m: 60% soon decreasing to 30%. Improving to 70% southern Dales later.

Low Cloud and visibility: Extensive cloud, with broken bases lowering to around 400-500m, largely in the vicinity of the rain band. Bases lifting clear of most summits elsewhere, but may lower again at times during thundery shower. Visibility moderate to poor in rain, but good otherwise.

Temperature: **Valleys:** Plus 13 Celsius becoming Plus 19 Celsius.
At 600m: Plus 11 Celsius.
Freezing level: Above summits.

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